

Work Order ID 73796

Thursday, September 15, 2011 11:05:19 AM

Item ID:

D3183-045

Revision ID:

Bearing Assembly Item Name:

Start Date:

9/15/2011

Start Oty: 60.0 Req'd Qty: 68.00

Required Date: 9/19/2011

Reference:

QC:

Date:



Accept



Setup Start

Stop



Cust Item ID:

Customer:

Approvals:

Process Plan:

Date: 11-09-15

Tooling:

SPC (Y/N):

Date: Date:

Run

Start Stop

Sequence ID/ Work Center ID

Operation Description

Set Up/ Run Hours Tool ID

Tool# Plan

Code

Accept Qty

80

Reject Qty

Reject Insp. Number Stamp

Draw Nbr

Revision Nbr

D3183

100

Rev C1

Hardinge CNC LATHE SMALL

Hardinge

Memo

0.00

0.00

Hardinge CNC Lathe Small

Turn D3183-9 Cap as per Folio FA388 Deburr

110

Quality Control

QC2- Inspect parts off machine FAI/FAIB

0.00

Memo

0.00

419116

120

QC8- Inspect parts - second check

0.00

0.00

rad ulogly

801 1

Quality Control

Memo

Work Order ID 73796

Thursday, September 15, 2011 11:05:19 AM



Item ID:

D3183-045

Accept



Setup Start

Stop



Revision ID: Item Name:

Start Date:

Bearing Assembly

9/15/2011

Start Qty: 60.00

Req'd Qty: 60.00



Cust Item ID:

Customer:

Reference:

Approvals:

Required Date: 9/19/2011

Process Plan:

Date:

Tooling:

Date:

Run Start

QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/ Work Center ID

Operation Description

Set Up/ Run Hours

0.00

Tool ID

Tool# Plan Code Accept Qty

Reject Qty

Reject Number

Insp. Stamp

130

Small Fab

Small Fab

Memo

Memo

Memo

0.00

Small Fab

Press D3183-5 Bearing into D3183-9 Cap as per Dwg D3183.

140

Quality Control

QC5- Inspect part completeness to step on W/O

0.00

8 Worls

Packaging

Packaging.

Identify as per dwg & Stock Location 23

0:00

0.00

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Start Date: 9/15/2011

Required Date: 9/19/2011

Start Qty: 60.00 Req'd Qty: 60.00 Accept

Setup Start

Stop

Reference:

Approvals:

Process Plan:

QC:

Memo

Date: Date:

Tooling:

SPC (Y/N):

Date:

Date:

Run Start

Stop



Sequence ID/

Work Center ID

160

Quality Control

Operation Description

QC21- Final Inspection - Work Order Release

Set Up/ Run Hours

000

0.00

Tool ID

Cust Item ID:

Customer:

Tool# Plan

Accept Qty Code

Reject Qty

Reject Number

Insp. Stamp

mist Print

Thursday, September 15, 2011 11:05:16 AM

Work Order ID: 73796

Parent Item:

Comments:

MDELRINRI.000

Pur Delrin Round Bar I*

D3183-045

Parent Item Name: Bearing Assembly

Purchased



Start Date: 9/15/2011

Comments: Component Item ID/		New issue KJ/	DS						Start Date: 9/1 Start Qty: 60.0		Require Requir	ed Date: 9, red Qty: 60	/19/2011 0.00
D3183-5 Bearing	Item ID	D .		Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand .	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
				Location		Loc O	Div	NIRAMINAL VO		S	8 11/2	961	

Location				1 (83)) (83)		SB 11
ST235B		Loc Qty	B73tg7			- 11
71854		50	B 13 +97		14	
ST236		50				_
67529		16				-
68933		1				-
72295		4 11				
	130	f			11	= 5
		4.	40,3090	0.0333	2.10315	0
					= 13	0

Location			12	1119/16
MAT055	Loc Oty 40.309	Loc Code		.37 (776
117985	0.407 23,902			
118392	16		3.24.	4

No

DART AEROSPACE LTD	Work Order:	73746
Description: Cao	Part Number:	D3183-9
Inspection Dwg: D3183 Rev: C1		Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST X First Article Prototype								
Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comm	ents	
Ø0.839	+/-0.005	. 7305	/		NA			
Ø0.720	+/-0.002	@ 721						
Ø0.747	+/-0.001	0.748						
R0.010	+/-0.010	ROLL	//					
R0.031	+/-0.010	12,030	//					
0.199	+/-0.001	.185	//					
0.276	+/-0.010	211	1/					
0.039	+/-0.010	-1540)			_			
Measured by:		Audited by	i am	2	Prototype Ap	pproval:	N/A	

Measured by:	1	Audited by:	South	Prototype Approval:	N/A
-3ate:	W8/16	Date:	11/04/16	Date:	N/A
	101			Revised by	Approved

Rev	Date	Change	Revised by	Approved
		New Issue (P/O D3183-045)	KJ/RF	1
		Dimension Ø0.830 was Ø0.850	KJ/JLM X	adl
В	06.03.03	Difficusion 20:000 was 20:000	70	7151





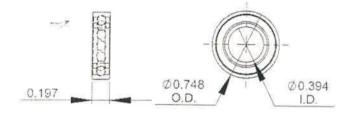
DEO ATTACHED

-D3121-21 BOLT (1) D3183-045 BEARING ASSEMBLY (1)

— D3121-21 BOLT (1)
D3183-045 BEARING ASSEMBLY (1)

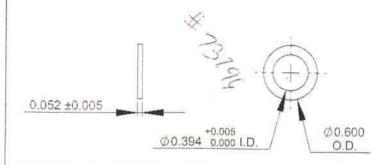
D3183-1 BRACKET FOR -041 (SHOWN)
OR
D3183-2 BRACKET FOR -042 (OPPOSITE)
OR
D3183-3 BRACKET FOR -043 (SIMILAR)
OR
D3183-4 BRACKET FOR -044 (SIMILAR)

D3183-041 BRACKET ASSEMBLY (SHOWN)
D3183-042 BRACKET ASSEMBLY (OPPOSITE)
D3183-043 BRACKET ASSEMBLY (SIMILAR)
D3183-044 BRACKET ASSEMBLY (SIMILAR)



D3183-5 BEARING: SPECIFICATION CONTROL DRAWING

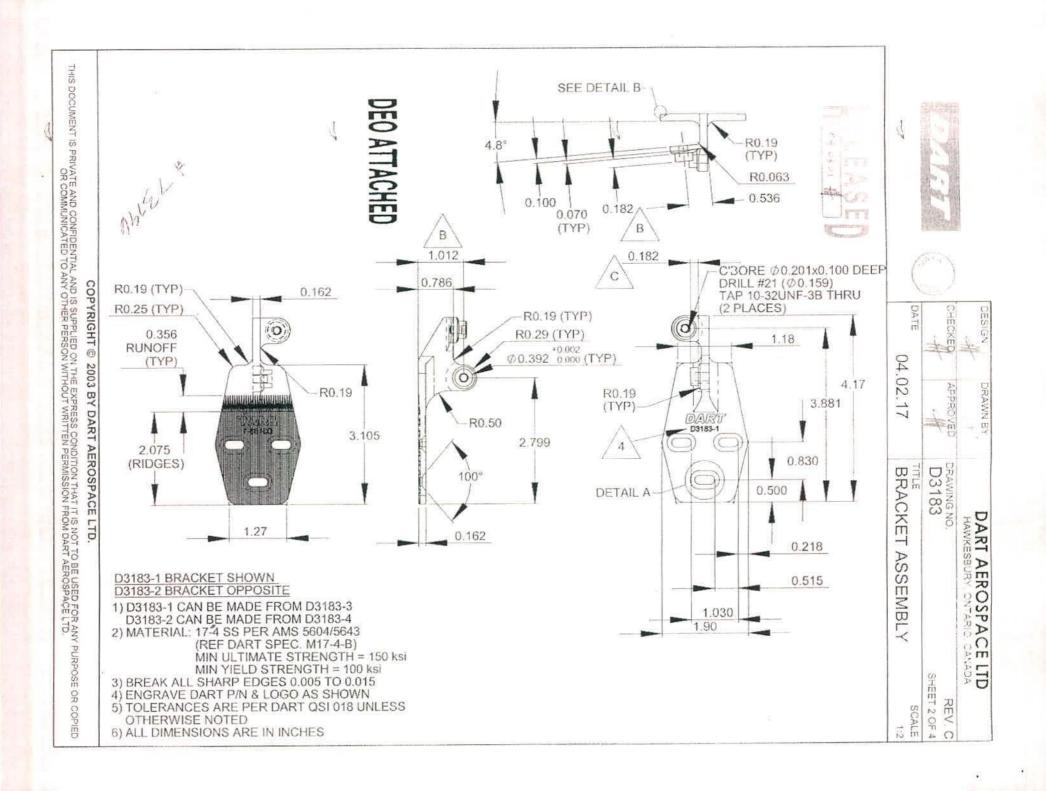
- SINGLE ROW, DEEP GROOVE, CONRAD TYPE, SHIELDED
- 2) POSSIBLE SUPPLIER: NSK P/N 6800ZZ
- 3) ALL DIMENSIONS ARE IN INCHES

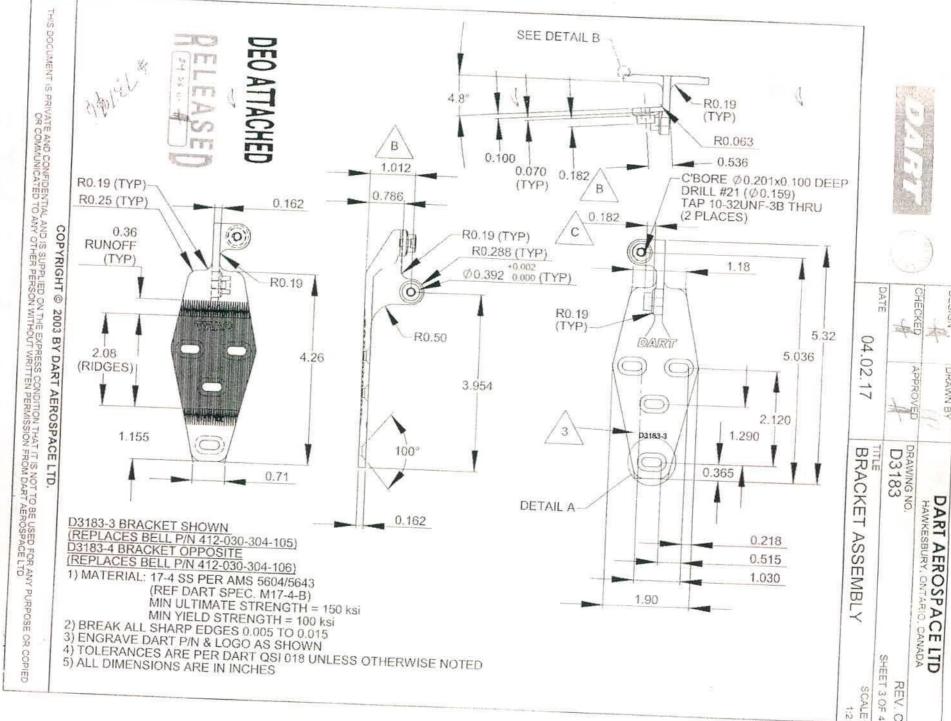


D3183-7 WASHER

- 1) MATERIAL: AISI 303 ROUND BAR (M303R) ANNEALED
- 2) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES

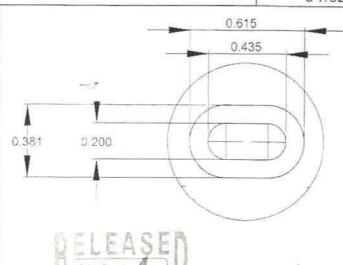
COPYRIGHT @ 2003 BY DART AEROSPACE LTD.







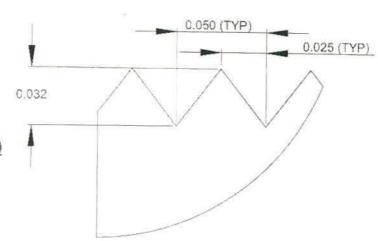
DESIGN	DRAWN BY	DART AEROSPACE HAWKESBURY, ONTARIO, CA	T AEROSPACE LTD		
CHECKED	APPROVED	D3183	REV. C		
04.02.17		BRACKET ASSEMBLY	SCALE 1:1		

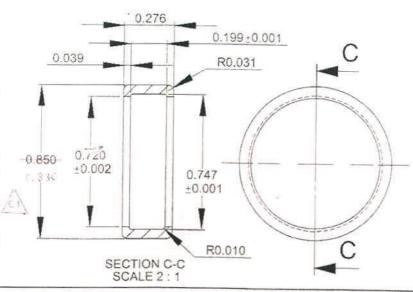


DETAIL A (2:1)

DEO ATTACHED

DETAIL B (20:1)





D3183-9 CAP

- 1) MATERIAL: DELRIN ROD, Ø1.00 (REF DART SPEC. M-DELRIN-R1.00) 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES

D3183-045 BEARING ASSEMBLY

1) ASSEMBLE D3183-5 BEARING AND D3183-9 CAP

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DRAWING D3183		KET ASSEMBLY	REV.C1	DART AEROSPACE LTD ENGINEERING ORDER		SHEET NO.	SCALE
DRAWN	qo .	CHECKED	A	MEC ADDD AT	APPROVED AM	DE APPR	NTS
DATE	10.05.14	DATE	10.06.30	DATE	DATE 10/06/30	DATE 10/06/30	

D3183-5 BLARING

ADD POSSIBLE SUPPLIER: KML P/N 6800-ZZ

BASIC LOAD RATING REQUIREMENT:

Cr = 1720 N (386 lb) MIN [DYNAMIC]

Cor = 840 N (188 lb) MIN [STATIC]

REF PAR 10-012

mal

RELEASED 2010 -07-22

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